

CLAIMS

What is claimed is:

- 1 1. A method for operating a data processing system, said method comprising:  
2 inserting a writeable media into a drive system which is coupled to said data  
3 processing system;  
4 instructing said data processing system (DPS) to write or erase first data on  
5 said writeable media;  
6 instructing said DPS to eject said writeable media from said drive system,  
7 wherein upon said instructing said DPS to eject, said DPS writes or  
8 erases said first data on said writeable media.
- 1 2. A method as in claim 1 wherein said writeable media is an optical disk.
- 1 3. A method as in claim 2 wherein said optical disk is a CD-R disk or CD-RW  
2 disk or a DVD disk.
- 1 4. A method as in claim 2 wherein said writeable media is blank when said  
2 inserting is performed.
- 1 5. A method as in claim 2 further comprising:  
2 displaying automatically, in response to said inserting and on a display device  
3 coupled to said DPS, a prompt to a user with at least two selectable

60727403-010001

4 options which allow a user to: (1) eject said writeable media or (2) use  
5 said writeable media.

1 6. A method as in claim 2 further comprising:  
2 displaying automatically, in response to said inserting and on a display device  
3 coupled to said DPS, an icon of said writeable media, wherein said  
4 icon is displayed on a desktop interface of said DPS.

1 7. A method as in claim 6 wherein said icon may be directly used through a  
2 graphical user interface to write data onto said writeable media.

1 8. A method as in claim 5 further comprising if the use option was selected:  
2 displaying automatically, in response to said inserting and on a display device  
3 coupled to said DPS, an icon of said writeable media, wherein said  
4 icon is displayed on a desktop interface of said DPS.

1 9. A method as in claim 5 wherein if the use selectable option is selected, said  
2 method further comprising:  
3 creating automatically, in response to the use selectable option being selected,  
4 a data file on a storage device which is coupled to said DPS prior to  
5 writing data to said writeable media.

1 10. A method as in claim 9 wherein said data file represents an entire capacity of  
2 said writeable media.

09727406 040004

1 11. A method as in claim 10 wherein said data file represents a data cache for said  
2 writeable media.

1 12. A method as in claim 7 wherein said icon is directly used by a method which  
2 includes one of (a) dragging and dropping of at least one icon onto said icon, or (b)  
3 copying and pasting said at least one icon onto said icon.

1 13. A method as in claim 6 wherein said desktop interface comprises a plurality of  
2 icons for a corresponding plurality of storage devices coupled to said DPS and a  
3 plurality of icons representing data files and subdirectories.

1 14. A method for operating a data processing system, said method comprising:  
2 inserting a blank writeable media into a drive system which is coupled to said  
3 data processing system (DPS);  
4 displaying automatically, in response to said inserting and on a display device  
5 coupled to said DPS, a prompt to a user with at least three selectable  
6 options which allow said user to: (1) eject said blank once writable  
7 media from said drive system or (2) use said blank once writable  
8 media in said drive system or (3) launch an audio CD creation  
9 program.

1 15. A method as in claim 14 wherein if said user selects to use said blank writable  
2 media, said method further comprises:

3 displaying automatically, in response to said user selecting to use said blank  
4 writable media, an icon representing said blank writeable media on  
5 said display device.

1 16. A method as in claim 15 wherein said icon is displayed on a desktop interface  
2 of said DPS and wherein said icon may be directly used to write data onto said blank  
3 writeable media.



1 17. A method as in claim 15 wherein said icon is displayed before formatting of  
2 said blank writeable media.

1 18. A method for operating a data processing system, said method comprising:  
2 inserting a blank writeable media into a drive system which is coupled to said  
3 data processing system (DPS);  
4 creating automatically, in response to said inserting, a data file on a storage  
5 device which is coupled to said DPS prior to writing data to said blank  
6 writeable media.

1 19. A method as in claim 18 wherein said data file represents an entire storage  
2 capacity of said blank writeable media.

1 20. A method as in claim 19 wherein said data file represents a data cache for  
2 copying data from said data file to said blank writeable media when said blank  
3 writeable media is written to.

---



1 21. A method as in claim 20 wherein said blank writeable media is a CD-R disk or  
2 a CD-RW disk or a DVD disk.

1 22. A method as in claim 19 further comprising:  
2 displaying automatically, in response to said inserting and on a display device  
3 coupled to said DPS, a prompt to a user with at least two selectable  
4 options which allow said user to (1) eject said blank writeable media  
5 from said drive system or (2) use said blank writeable media in said  
6 drive system.

1 23. A method as in claim 22 wherein said creating follows after said user selects to  
2 use said blank writeable media.

1 24. A method as in claim 18 wherein said storage device is a boot drive for said  
2 DPS and contains an operating system for said DPS.

1 25. A machine readable medium which stores executable computer program  
2 instructions which when executed by a data processing system cause said data  
3 processing system to perform a method, said method comprising:  
4 inserting a writeable media into a drive system which is coupled to said data  
5 processing system;  
6 instructing said data processing system (DPS) to write or erase first data on  
7 said writeable media;

00757406-010001

1 30. A machine readable medium as in claim 26 wherein said method further  
2 comprises:  
3 displaying automatically, in response to said inserting and on a display device  
4 coupled to said DPS, an icon of said writeable media, wherein said  
5 icon is displayed on a desktop interface of said DPS.

1 35. A machine readable medium as in claim 34 wherein said data file represents a  
2 data cache for said writeable media.

1 36. A machine readable medium as in claim 31 wherein said icon is directly used  
2 by a method which includes one of (a) dragging and dropping of at least one icon onto  
3 said icon, or (b) copying and pasting said at least one icon onto said icon.

1 37. A machine readable medium as in claim 30 wherein said desktop interface  
2 comprises a plurality of icons for a corresponding plurality of storage devices coupled  
3 to said DPS and a plurality of icons representing data files and subdirectories.

1 38. A machine readable medium which stores executable computer program  
2 instructions which when executed on a data processing system cause said data  
3 processing system to perform a method, said method comprising:  
4 inserting a blank writeable media into a drive system which is coupled to said  
5 data processing system (DPS);  
6 displaying automatically, in response to said inserting and on a display device  
7 coupled to said DPS, a prompt to a user with at least three selectable  
8 options which allow said user to: (1) eject said blank once writeable  
9 media from said drive system or (2) use said blank once writeable  
10 media in said drive system or (3) launch an audio CD creation  
11 program.

1 39. A machine readable medium as in claim 38 wherein if said user selects to use  
2 said blank writeable media, said method further comprises:



3 displaying automatically, in response to said user selecting to use said blank  
4 writeable media, an icon representing said blank writeable media on  
5 said display device.

1 40. A machine readable medium as in claim 39 wherein said icon is displayed on a  
2 desktop interface of said DPS and wherein said icon may be directly used to write data  
3 onto said blank writeable media.

1 41. A machine readable medium as in claim 39 wherein said icon is displayed  
2 before formatting of said blank writeable media.

1 42. A machine readable medium which stores executable computer program  
2 instructions which when executed by a data processing system cause said system to  
3 perform a method, said method comprising:  
4 inserting a blank writeable media into a drive system which is coupled to said  
5 data processing system (DPS);  
6 creating automatically, in response to said inserting, a data file on a storage  
7 device which is coupled to said DPS prior to writing data to said blank  
8 writeable media.

1 43. A machine readable medium as in claim 42 wherein said data file represents an  
2 entire storage capacity of said blank writeable media.

1 44. A machine readable medium as in claim 43 wherein said data file represents a  
2 data cache for copying data from said data file to said blank writeable media when said  
3 blank writeable media is written to.

1 45. A machine readable medium as in claim 44 wherein said blank writeable media  
2 is a CD-R disk or a CD-RW disk or a DVD disk.

1 46. A machine readable medium as in claim 43 wherein said method further  
2 comprises:  
3 displaying automatically, in response to said inserting and on a display device  
4 coupled to said DPS, a prompt to a user with at least two selectable  
5 options which allow said user to (1) eject said blank writeable media  
6 from said drive system or (2) use said blank writeable media in said  
7 drive system.

1 47. A machine readable medium as in claim 46 wherein said creating follows after  
2 said user selects to use said blank writeable media.

1 48. A machine readable medium as in claim 42 wherein said storage device is a  
2 boot drive for said DPS and contains an operating system for said DPS.

1 49. A data processing system comprising:  
2 means for inserting a writeable media into a drive system which is coupled to  
3 said data processing system;

4 means for instructing said data processing system (DPS) to write or erase first  
5 data on said writeable media;  
6 means for instructing said DPS to eject said writeable media from said drive  
7 system, wherein upon said instructing said DPS to eject, said DPS  
8 writes or erases said first data on said writeable media.

1 50. A DPS as in claim 49 wherein said writeable media is an optical disk.

1 51. A DPS as in claim 50 wherein said optical disk is a CD-R disk or CD-RW disk  
2 or a DVD disk.

1 52. A DPS as in claim 50 wherein said writeable media is blank when said  
2 inserting is performed.

1 53. A DPS as in claim 50 further comprising:  
2 means for displaying automatically, in response to said inserting and on a  
3 display device coupled to said DPS, a prompt to a user with at least  
4 two selectable options which allow a user to: (1) eject said writeable  
5 media or (2) use said writeable media.

1 54. A DPS as in claim 50 further comprising:  
2 means for displaying automatically, in response to said inserting and on a  
3 display device coupled to said DPS, an icon of said writeable media,  
4 wherein said icon is displayed on a desktop interface of said DPS.

- 1 55. A DPS as in claim 54 wherein said icon may be directly used through a  
2 graphical user interface to write data onto said writeable media.
- 1 56. A DPS as in claim 53 further comprising if the use option was selected:  
2 means for displaying automatically, in response to said inserting and on a  
3 display device coupled to said DPS, an icon of said writeable media,  
4 wherein said icon is displayed on a desktop interface of said DPS.
- 1 57. A DPS as in claim 53 wherein if the use option is selected, said DPS further  
2 comprising:  
3 means for creating automatically, in response to the use option being selected,  
4 a data file on a storage device which is coupled to said DPS prior to  
5 writing data to said writeable media.
- 1 58. A DPS as in claim 57 wherein said data file represents an entire capacity of  
2 said writeable media.
- 1 59. A DPS as in claim 58 wherein said data file represents a data cache for said  
2 writeable media.
- 1 60. A DPS as in claim 55 wherein said icon is directly used by a method which  
2 includes one of (a) dragging and dropping of at least one icon onto said icon, or (b)  
3 copying and pasting said at least one icon onto said icon.

1 61. A DPS as in claim 54 wherein said desktop interface comprises a plurality of  
2 icons for a corresponding plurality of storage devices coupled to said DPS and a  
3 plurality of icons representing data files and subdirectories.

1 62. A data processing system comprising:  
2 means for inserting a blank writeable media into a drive system which is  
3 coupled to said data processing system (DPS);  
4 means for displaying automatically, in response to said inserting and on a  
5 display device coupled to said DPS, a prompt to a user with at least  
6 three selectable options which allow said user to: (1) eject said blank  
7 once writeable media from said drive system or (2) use said blank once  
8 writeable media in said drive system or (3) launch an audio CD  
9 creation program.

1 63. A DPS as in claim 62 wherein if said user selects to use said blank writeable  
2 media, said method further comprises:  
3 means for displaying automatically, in response to said user selecting to use  
4 said blank writeable media, an icon representing said blank writeable  
5 media on said display device.

1 64. A DPS as in claim 63 wherein said icon is displayed on a desktop interface of  
2 said DPS and wherein said icon may be directly used to write data onto said blank  
3 writeable media.

4475740E-000001

1 65. A DPS as in claim 63 wherein said icon is displayed before formatting of said  
2 blank writeable media.

1 66. A data processing system comprising:  
2 means for inserting a blank writeable media into a drive system which is  
3 coupled to said data processing system (DPS);  
4 means for creating automatically, in response to said inserting, a data file on a  
5 storage device which is coupled to said DPS prior to writing data to  
6 said blank writeable media.



1 67. A DPS as in claim 66 wherein said data file represents an entire storage  
2 capacity of said blank writeable media.

1 68. A DPS as in claim 67 wherein said data file represents a data cache for copying  
2 data from said data file to said blank writeable media when said blank writeable media  
3 is written to.

1 69. A DPS as in claim 68 wherein said blank writeable media is a CD-R disk or a  
2 CD-RW disk or a DVD disk.

1 70. A DPS as in claim 67 further comprising:  
2 means for displaying automatically, in response to said inserting and on a  
3 display device coupled to said DPS, a prompt to a user with at least  
4 two selectable options which allow said user to (1) eject said blank

---



5                   writeable media from said drive system or (2) use said blank writeable  
6                   media in said drive system.

1    71.    A DPS as in claim 70 wherein said creating follows after said user selects to  
2    use said blank writeable media.

1    72.    A DPS as in claim 66 wherein said storage device is a boot drive for said DPS  
2    and contains an operating system for said DPS.

02757406 14001